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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on April 05, 2000 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EL213975236US, addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Heather Haili
Heather Haili

Attorney Docket No.:

SUN1P123/P2167

First Named Inventor:

Bartley H. Calder

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CONTINUED PROSECUTION APPLICATION (CPA) REQUEST TRANSMITTAL UNDER 37 CFR §1.53(d)

Assistant Commissioner for Patents
Box CPA
Washington, DC 20231

☐ Duplicate for
fee processing

This is a request for filing a

- ☒ Continuation
☐ Divisional

application under 37 CFR §1.53(d) (continued prosecution application) of prior pending application No. 08/831,845, filed on April 1, 1997, entitled METHOD AND APPARATUS FOR DISCOVERING AND ACTIVATING SOFTWARE COMPONENTS.

PLEASE NOTE:

- THIS APPLICATION ABANDONS THE PARENT APPLICATION
- MAY NOT BE USED WHEN THE PARENT IS A PROVISIONAL
- NO REFERENCE TO PRIOR APPLICATION IN CPA PERMITTED

1. ☐ Enter the unentered amendment previously filed on _____ under 37 CFR 1.116 in the prior nonprovisional application
2. ☒ A preliminary amendment is enclosed.
3. ☐ This application is filed by fewer than all the inventors named in the prior application, 37 CFR

1.53(d)(4). DELETE the following inventor(s) named in the prior nonprovisional application:

04/05/2000 SLURNG1 00000007 08831845

01 \$1131 500.00 CP
02 \$5142 78.00 CP
03 \$1108 108.00 CP

4. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.

5. ☐ Information Disclosure Statement (IDS) is enclosed.

a. ☐ PTO-1449

b. ☐ Copies of IDS Citations

Fee Calculation (37 CFR § 1.16)

	(Col. 1) <u>NO. FILED</u>	(Col. 2) <u>NO. EXTRA</u>	<u>SMALL ENTITY</u>		OR	<u>LARGE ENTITY</u>	
			<u>RATE</u>	<u>FEE</u>		<u>RATE</u>	<u>FEE</u>
BASIC FEE			\$345	\$	OR	\$690	\$690
TOTAL CLAIMS	<u>26</u> -20 = <u>06</u>		x09 =	\$	OR	x18 =	\$108
INDEP CLAIMS	<u>04</u> -03 = <u>01</u>		x39 =	\$	OR	x78 =	\$ 78
[] Multiple Dependent Claim Presented			\$130 =	\$	OR	\$260 =	\$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.			Total	\$	OR	Total	\$876

6. ☐ Small entity status:

a. ☐ A small entity statement is enclosed.

b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.

c. ☐ Is no longer claimed.

7. ☒ The Commissioner is hereby authorized to credit overpayments or to charge any fees due to Deposit Account No. 50-0388 (Order No. SUN1P123). A duplicate copy of this transmittal is enclosed.

8. General Authorization for Petition for Extension of Time (37 CFR §1.136)

☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 50-0388 (Order No. SUN1P123).

9. ☒ Check No. 7390 in the amount of \$876.00 is enclosed.

10. ☐ Suspension of Prosecution for the time necessary to file an amendment is requested.

11. ☐ An Extension of Time in the prior application is requested.

12. ☐ A Conditional Extension of Time in the prior application is requested.

13. ☐ Other:

14. ☐ Please continue to send correspondence to the following address:

Customer Number 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 130
Mountain View, CA 94042-0130
Telephone (650) 961-8300
Fax (650) 961-8301



Date: April 5, 2000

Peggy A. Su

Peggy A. Su
Registration No. 41,336

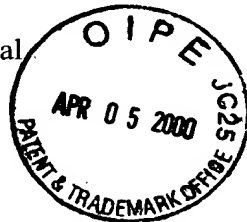
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Calder et al

Application No.: 08/831,845

Filed: April 1, 1997

Title: METHOD AND APPARATUS FOR
DISCOVERING AND ACTIVATING
SOFTWARE COMPONENTS



Attorney Docket No.: SUN1P123/P2167

Examiner: Bullock Jr., L

Group: 2755

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Heather Haili
Heather Haili

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Please enter the following amendments and remarks.

IN THE CLAIMS:

Please amend claims 1, 9, 16, and 23 as follows.

2/21 (Amended) A computer-implemented framework for associating data with a command object, the command object being arranged to operate on the data, wherein the data is associated with an application, the computer-implemented framework comprising:

a data handler mechanism arranged to interface with the application;

B/ a data retriever mechanism in communication with the data handler mechanism, the data retriever mechanism being arranged to obtain the data and to pass the data to the data handler mechanism; and

a mapping mechanism in communication with the data handler mechanism, the mapping mechanism being independent from the data handler mechanism, the mapping mechanism being arranged to obtain the command object, wherein the command object is obtained by the mapping mechanism based substantially on the data.